

Series B3001/B3001N

Bronze Non-Rising Gate Valve

Size: DN15-DN50

The Watts B3001 Bronze Gate Valve is designed for the isolation of clean water and other non-corrosive fluids that are compatible with the material of construction. It's generally used in building services, water treatment etc.

Features

- Compact structure, reliable sealing
- Threaded bonnet
- Non-rising stem to minimize installation height
- Low pressure drop

Pressure-Temperature

- Nominal Pressure: PN20
- Temperature Range: 0°C~170°C

Test Pressures

Pneumatic	Hydraulic
Shell: 6 bar	Shell: 30 bar
Seat: 6 bar	Seat: 22 bar

Material

No.	Component	Material	Standard
1	Nut	Brass	CW614N
2	I.D Plate	Aluminium	
3	HandWheel	Aluminium	
4	Stem	DZR Brass	CW602N
5	Packing Nut	Brass	CW614N
6	Ring	Brass	CW614N
7	Packing	PTFE	
8	Stem Bush	DZR Brass	CW602N
9	Bonnet	Bronze	CC491K
10	Body	Bronze	CC491K
11	Disc	Bronze	CC491K

Installation Dimensions

DN	d	L	H	D	A	Weight(kg)
15	12.7	49.5	74	56.5	15	0.26
20	19.1	53.5	85	69	16.3	0.37
25	25.4	62	106	75.5	19.1	0.55
32	31.8	70	113	81	21.4	0.83
40	38.2	77	132	94	21.4	1.23
50	50.9	87	155	100	25.7	1.84

*Available in both connection standard BSPT & NPT



Specification

- Design standard: BSEN 12288
- Connection Standard: Threaded to BS21 BSPT. Available with NPT threading Model B3001N
- Test Standard: BS6755
- Medium: water, oil, steam

Approval

